

Alewife Sewer Separation Project Huron A Neighborhood Community Meeting – March 1, 2011



Alewife Sewer Separation Project

Huron A Neighborhood

March 1, 2011

Meeting Agenda

- Welcome – Catherine Woodbury (5 minutes)
- Project Background / Scope of Work – Kathy Watkins (15 minutes)
- Review Survey – Kelly Dunn (10 minutes)
- Streetscape Toolbox – Juan Avendano (20 minutes)
- Questions and Break (5 minutes)
- Small Groups – Everyone (30 minutes, 10 minutes staff to report back)
- Next Steps – Catherine Woodbury (10 minutes)
- Questions (10 minutes)

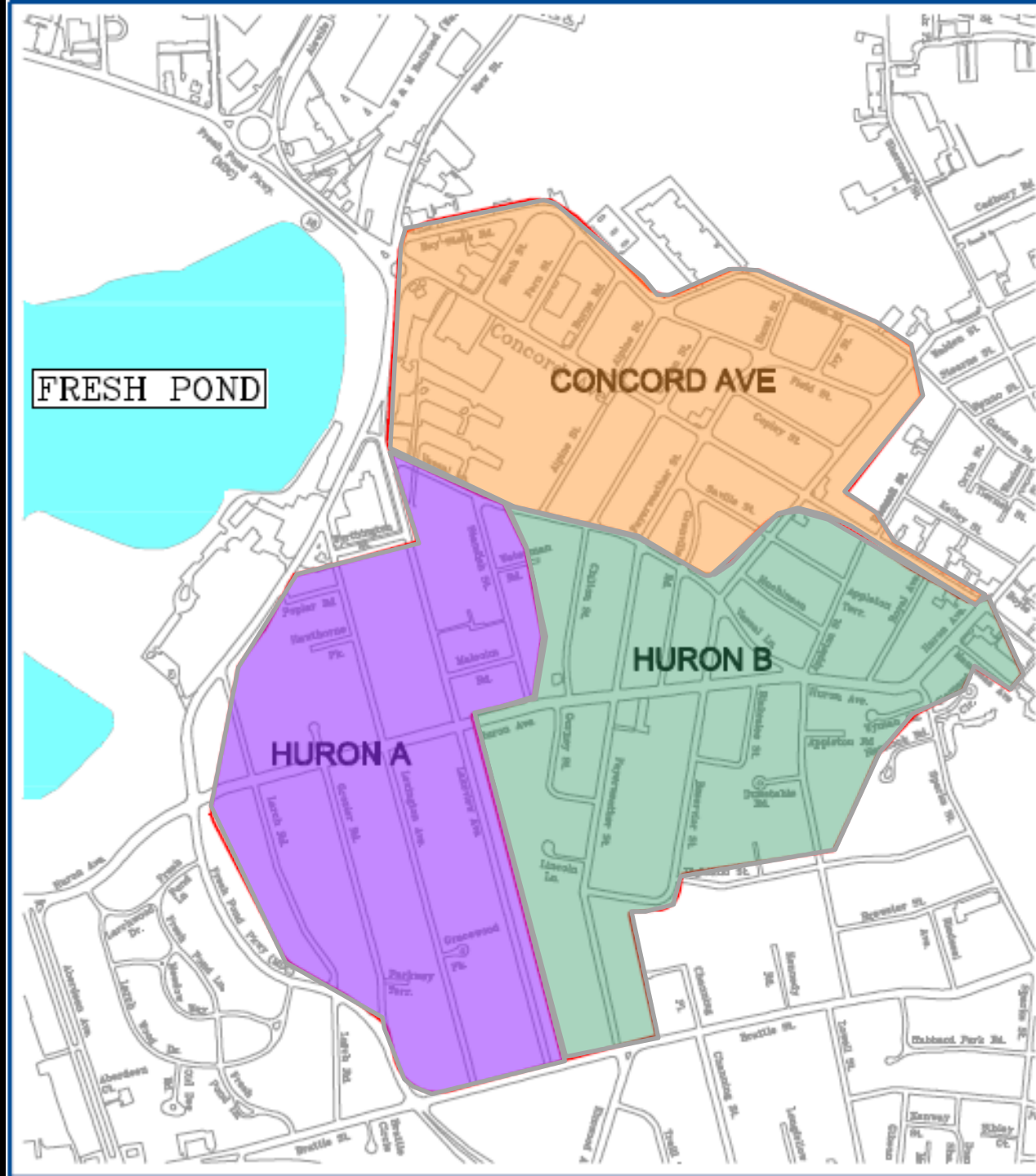
Project Background:

Project Area

Schedule

Sewer improvements
on all 3 contracts –
completed by end of
2015.

Overall construction
completed 2016.

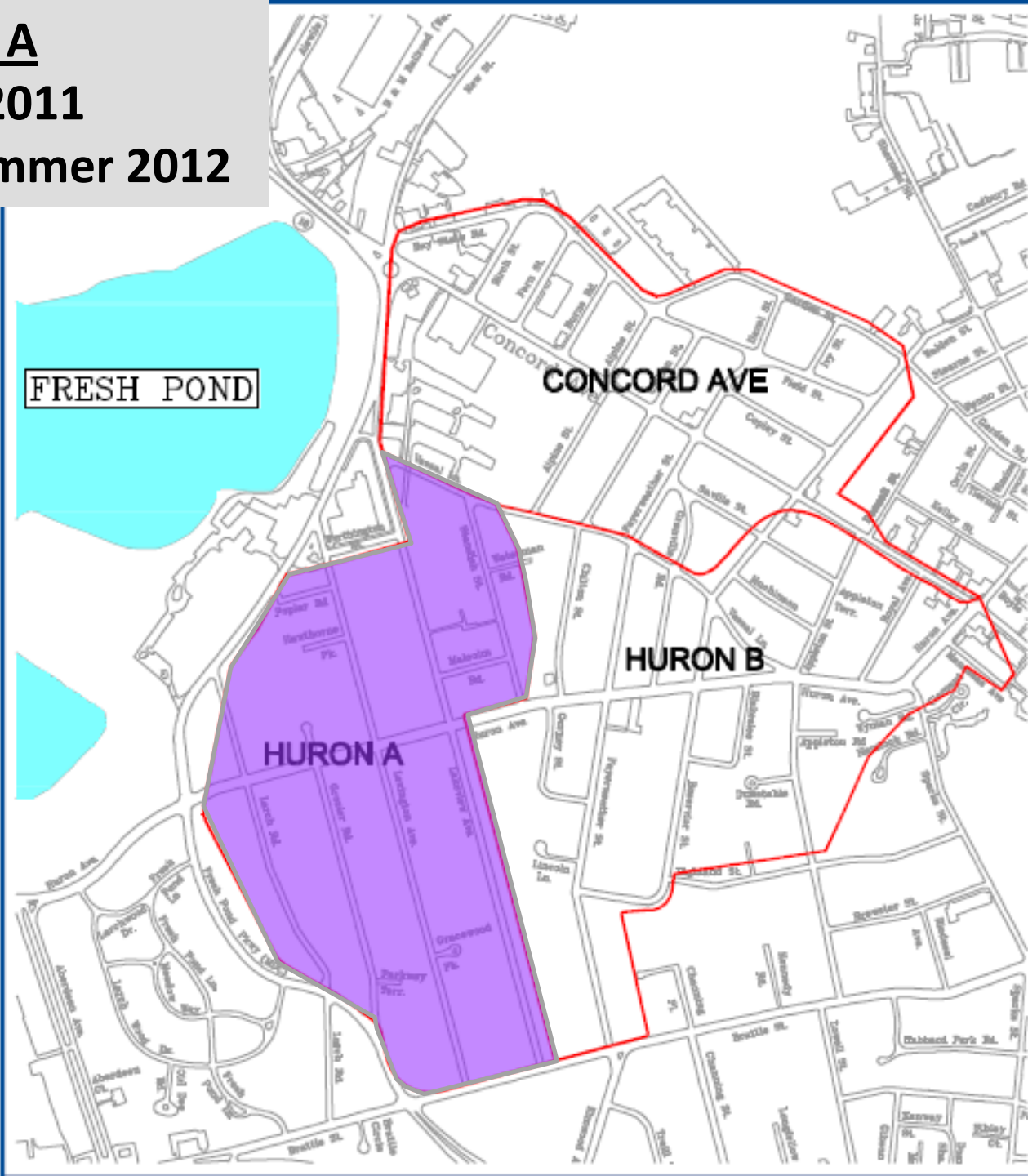


Huron Avenue Contract A

Design Begins January 2011

Construction Begins Summer 2012

- ✓ Larch Road
- ✓ Grozier Road
- ✓ Lexington Avenue
- ✓ Lakeview Avenue
- ✓ Standish Street
- ✓ Vassal Lane
(Lakeview to Standish)
- ✓ Malcolm Road
- ✓ Hawthorne Park



Sewer Separation Program Objectives

- Improve water quality in Alewife Brook
- Protect Fresh Pond
- Improve sewer and stormwater level of service
- Improve utilities (gas, water, etc.) in the area



Significant construction requires reconstruction of streets and sidewalks

Streetscape “base plan”

- Smooth Pavement
- Accessible Sidewalks
- Healthy Tree Canopy



Paving & Sidewalks



Trees



Healthy trees and accessible sidewalks



Examples of addressing tree and sidewalk conflicts



Basic Infrastructure Improvements

- Cleaner Alewife Brook
- Smooth Pavement
- Accessible Sidewalks
- Healthy Tree Canopy



Survey Results

Many consistent comments

- Streets and sidewalks in poor condition
- Speed is a concern on many streets
 - Standish, Lakeview, Chilton, Huron
 - Many residents OK with one-way streets
- Desire for more trees throughout area
- Ponding and Drainage Issues are Common
 - Chilton , Larch, Grozier, Standish

Streetscape Toolbox: Design tools to enhance change



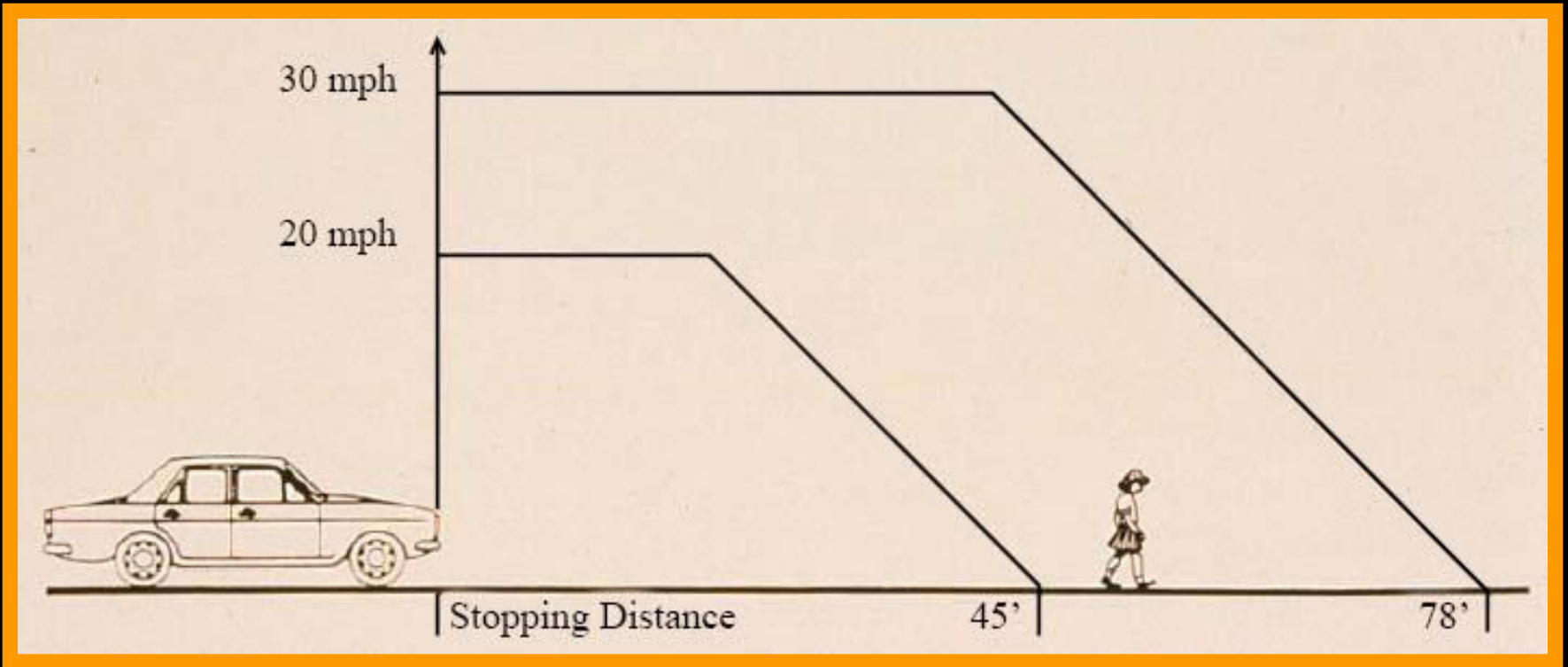
Existing Conditions

The image consists of two panels. The left panel is an aerial map showing the intersection of Standish St and Vassal Ln. Yellow lines delineate property lots, many of which are labeled with addresses such as 234-178, 234-161, 234-160, 234-158, 234-151, 234-149, 234-141, 234-136, 234-130, 234-124, 234-118, 234-112, 234-106, 234-100, 234-94, 234-88, 234-82, 234-76, 234-70, 234-64, 234-58, 234-52, 234-46, 234-40, 234-34, 234-28, 234-22, 234-16, 234-10, 234-4, 233-190, 233-184, 233-178, 233-172, 233-166, 233-160, 233-154, 233-148, 233-142, 233-136, 233-130, 233-124, 233-118, 233-112, 233-106, 233-100, 233-94, 233-88, 233-82, 233-76, 233-70, 233-64, 233-58, 233-52, 233-46, 233-40, 233-34, 233-28, 233-22, 233-16, 233-10, 233-4, 232-190, 232-184, 232-178, 232-172, 232-166, 232-160, 232-154, 232-148, 232-142, 232-136, 232-130, 232-124, 232-118, 232-112, 232-106, 232-100, 232-94, 232-88, 232-82, 232-76, 232-70, 232-64, 232-58, 232-52, 232-46, 232-40, 232-34, 232-28, 232-22, 232-16, 232-10, 232-4, 231-190, 231-184, 231-178, 231-172, 231-166, 231-160, 231-154, 231-148, 231-142, 231-136, 231-130, 231-124, 231-118, 231-112, 231-106, 231-100, 231-94, 231-88, 231-82, 231-76, 231-70, 231-64, 231-58, 231-52, 231-46, 231-40, 231-34, 231-28, 231-22, 231-16, 231-10, 231-4, 230-190, 230-184, 230-178, 230-172, 230-166, 230-160, 230-154, 230-148, 230-142, 230-136, 230-130, 230-124, 230-118, 230-112, 230-106, 230-100, 230-94, 230-88, 230-82, 230-76, 230-70, 230-64, 230-58, 230-52, 230-46, 230-40, 230-34, 230-28, 230-22, 230-16, 230-10, 230-4, 229-190, 229-184, 229-178, 229-172, 229-166, 229-160, 229-154, 229-148, 229-142, 229-136, 229-130, 229-124, 229-118, 229-112, 229-106, 229-100, 229-94, 229-88, 229-82, 229-76, 229-70, 229-64, 229-58, 229-52, 229-46, 229-40, 229-34, 229-28, 229-22, 229-16, 229-10, 229-4, 228-190, 228-184, 228-178, 228-172, 228-166, 228-160, 228-154, 228-148, 228-142, 228-136, 228-130, 228-124, 228-118, 228-112, 228-106, 228-100, 228-94, 228-88, 228-82, 228-76, 228-70, 228-64, 228-58, 228-52, 228-46, 228-40, 228-34, 228-28, 228-22, 228-16, 228-10, 228-4, 227-190, 227-184, 227-178, 227-172, 227-166, 227-160, 227-154, 227-148, 227-142, 227-136, 227-130, 227-124, 227-118, 227-112, 227-106, 227-100, 227-94, 227-88, 227-82, 227-76, 227-70, 227-64, 227-58, 227-52, 227-46, 227-40, 227-34, 227-28, 227-22, 227-16, 227-10, 227-4, 226-190, 226-184, 226-178, 226-172, 226-166, 226-160, 226-154, 226-148, 226-142, 226-136, 226-130, 226-124, 226-118, 226-112, 226-106, 226-100, 226-94, 226-88, 226-82, 226-76, 226-70, 226-64, 226-58, 226-52, 226-46, 226-40, 226-34, 226-28, 226-22, 226-16, 226-10, 226-4, 225-190, 225-184, 225-178, 225-172, 225-166, 225-160, 225-154, 225-148, 225-142, 225-136, 225-130, 225-124, 225-118, 225-112, 225-106, 225-100, 225-94, 225-88, 225-82, 225-76, 225-70, 225-64, 225-58, 225-52, 225-46, 225-40, 225-34, 225-28, 225-22, 225-16, 225-10, 225-4, 224-190, 224-184, 224-178, 224-172, 224-166, 224-160, 224-154, 224-148, 224-142, 224-136, 224-130, 224-124, 224-118, 224-112, 224-106, 224-100, 224-94, 224-88, 224-82, 224-76, 224-70, 224-64, 224-58, 224-52, 224-46, 224-40, 224-34, 224-28, 224-22, 224-16, 224-10, 224-4, 223-190, 223-184, 223-178, 223-172, 223-166, 223-160, 223-154, 223-148, 223-142, 223-136, 223-130, 223-124, 223-118, 223-112, 223-106, 223-100, 223-94, 223-88, 223-82, 223-76, 223-70, 223-64, 223-58, 223-52, 223-46, 223-40, 223-34, 223-28, 223-22, 223-16, 223-10, 223-4, 222-190, 222-184, 222-178, 222-172, 222-166, 222-160, 222-154, 222-148, 222-142, 222-136, 222-130, 222-124, 222-118, 222-112, 222-106, 222-100, 222-94, 222-88, 222-82, 222-76, 222-70, 222-64, 222-58, 222-52, 222-46, 222-40, 222-34, 222-28, 222-22, 222-16, 222-10, 222-4, 221-190, 221-184, 221-178, 221-172, 221-166, 221-160, 221-154, 221-148, 221-142, 221-136, 221-130, 221-124, 221-118, 221-112, 221-106, 221-100, 221-94, 221-88, 221-82, 221-76, 221-70, 221-64, 221-58, 221-52, 221-46, 221-40, 221-34, 221-28, 221-22, 221-16, 221-10, 221-4, 220-190, 220-184, 220-178, 220-172, 220-166, 220-160, 220-154, 220-148, 220-142, 220-136, 220-130, 220-124, 220-118, 220-112, 220-106, 220-100, 220-94, 220-88, 220-82, 220-76, 220-70, 220-64, 220-58, 220-52, 220-46, 220-40, 220-34, 220-28, 220-2





Slower Is Safer

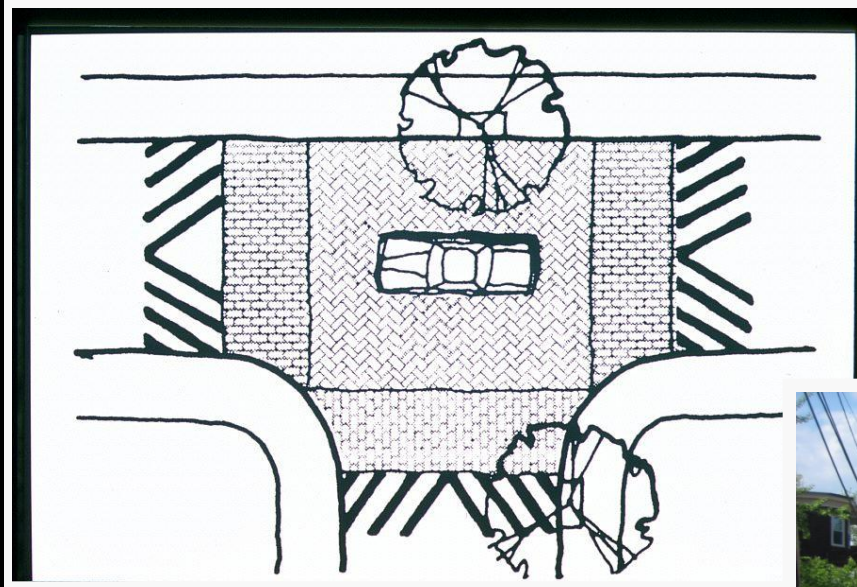


Distance needed for a vehicle to stop vs. speed:
30 mph ===== Approximately 78 feet.
20 mph ===== Approximately 45 feet.

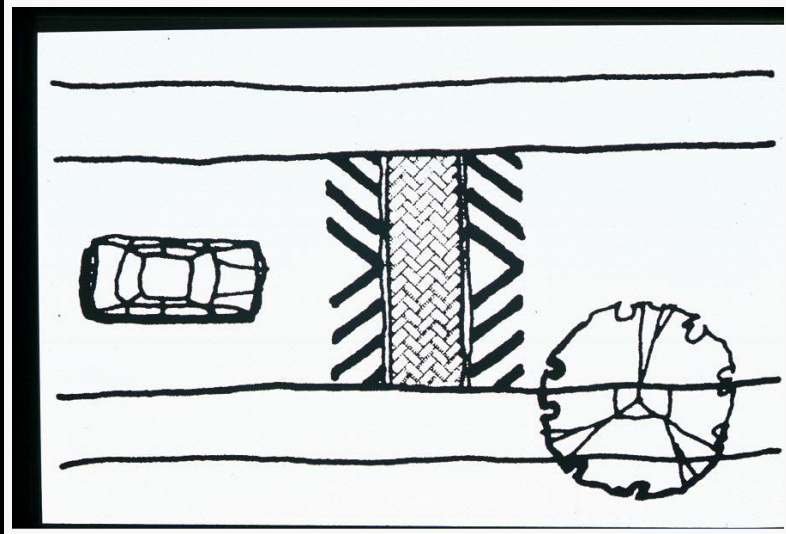
Traffic Calming

- Vertical devices: make vehicles go over something
Raised intersections & crosswalks
- Horizontal Devices: make the road less straight
Chicanes
Crossing Islands
- Narrow the road
Add Parking
Pavement Markings (bike lanes)
Visual Narrowing by Adding Trees
Additional Opportunities for Planting

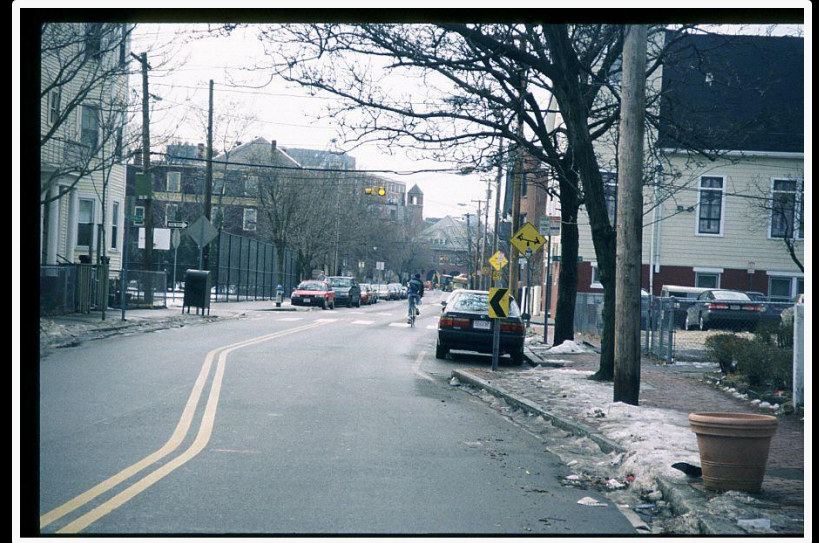
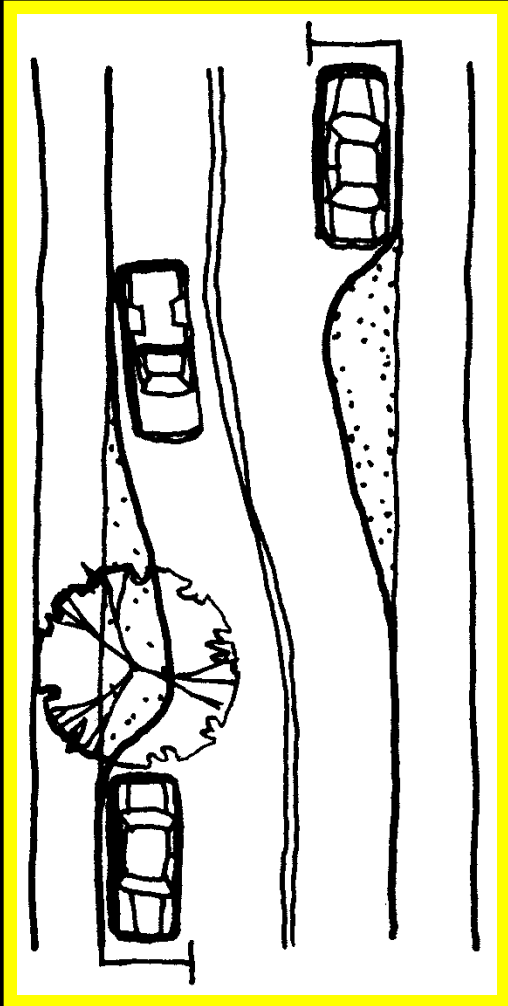
Raised intersection



Raised crosswalk



Chicanes



Chicanes

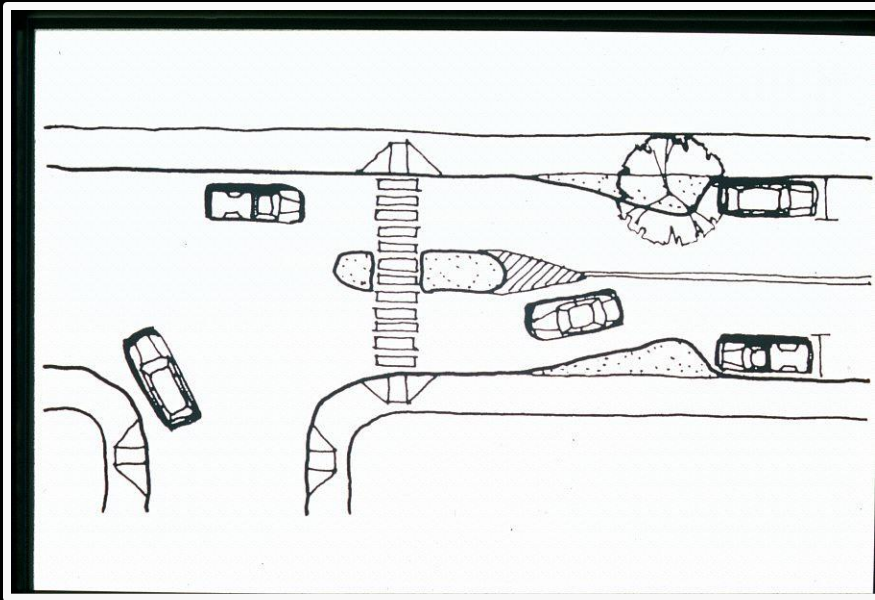


Opportunity for Plantings Beyond Street Trees

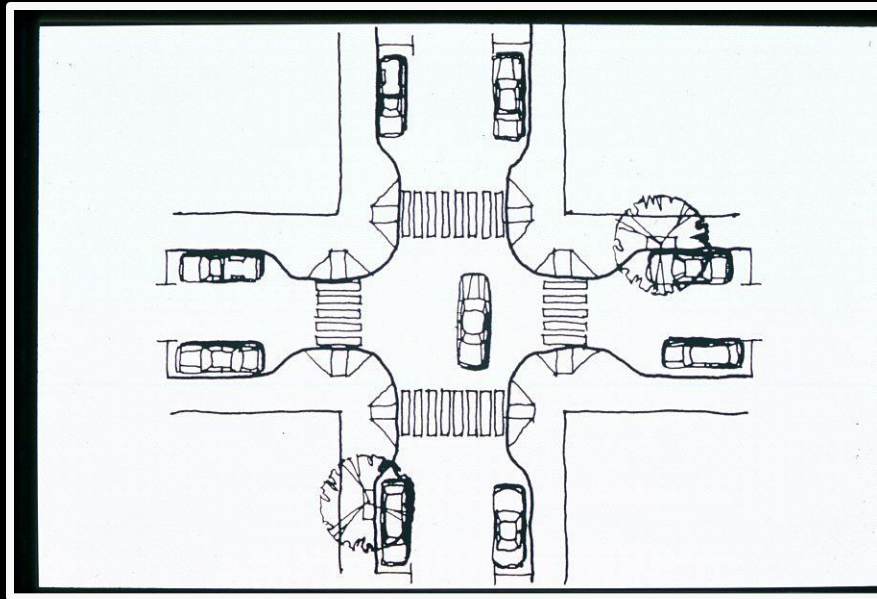


Rain Gardens

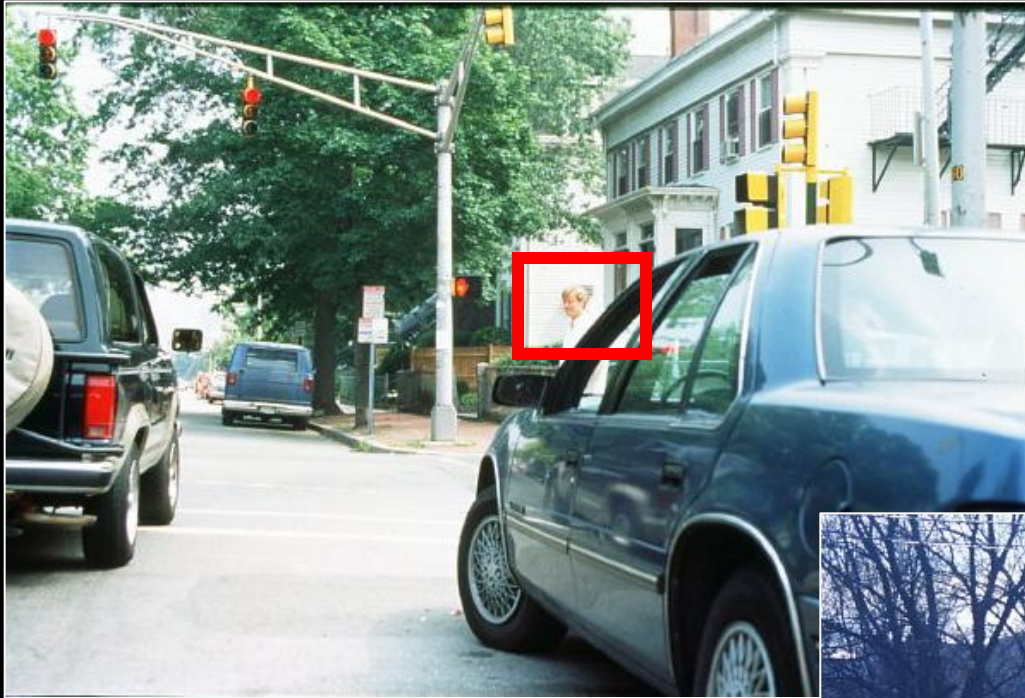
Crossing Islands



Curb extensions



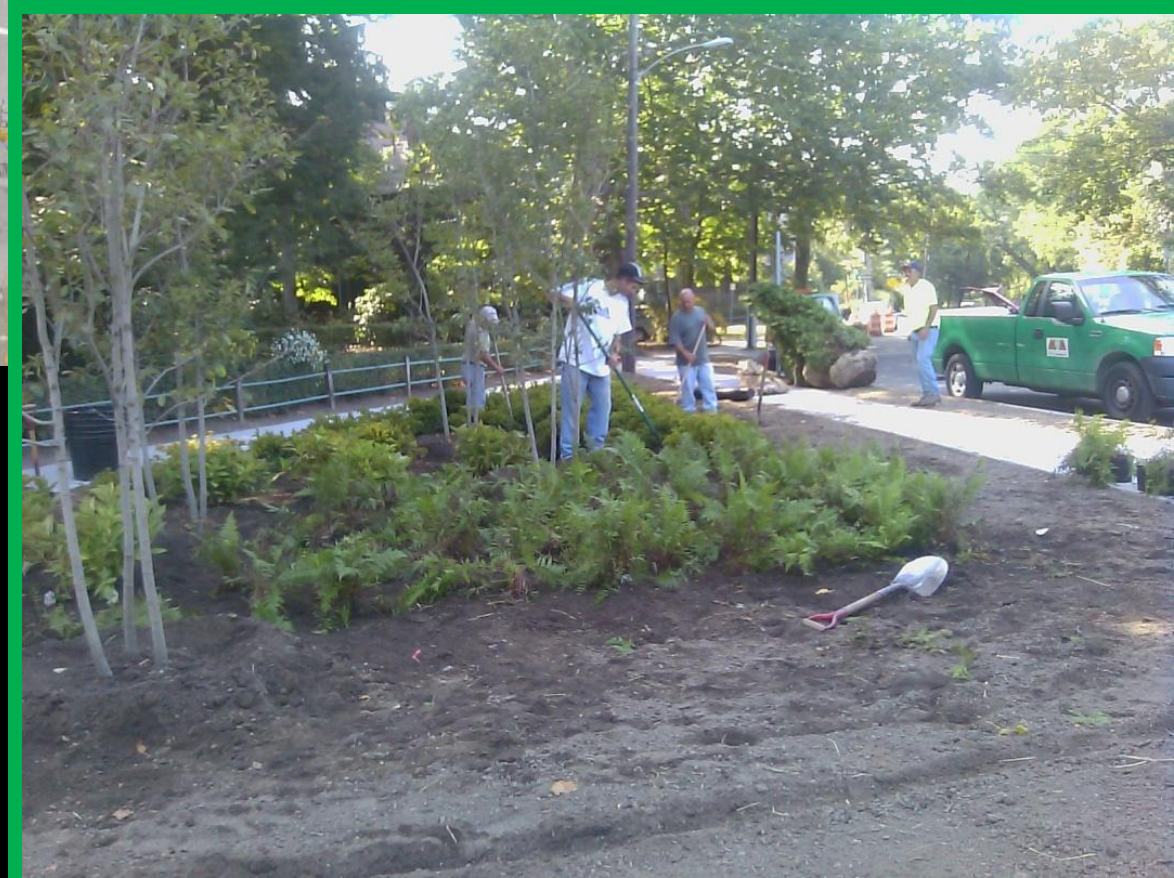
Find the pedestrian



Sidewalk Access – Tree Inventory



Plantings Beyond Street Trees



Pedestrian, vehicular safety improvements



Bike lanes



Rain Gardens



BEFORE



AFTER

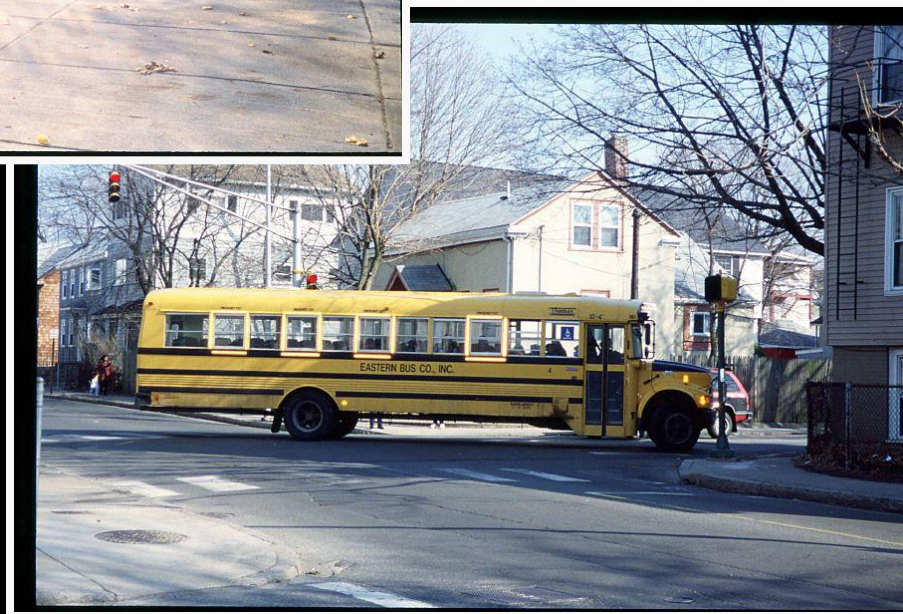
Well, maybe there is a limit....



Plantings Beyond Street Trees



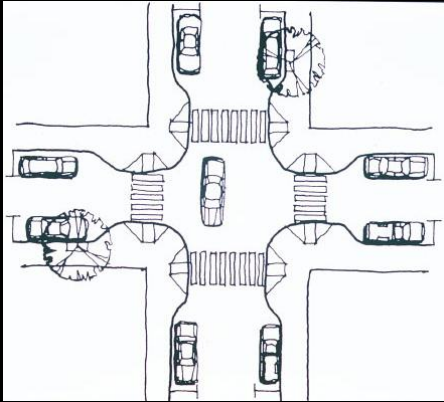
Service vehicles



Emergency response vehicles



Working with Neighborhood to Redesign Streets



Questions and Break

Breakout Groups

Thoughts about your street.

- What works?
- What could be improved?
- Utility concerns?
- Experience as a pedestrian?
- Experience as a cyclist?
- Experience as a motorist?
- Opportunities for additional plantings?

Report back to the larger group

Next Steps

- **Design phase – January 2011 to March 2012**
 - **Topographic Survey – beginning today – May**
 - **Building Inspections – ongoing**
 - **Stormwater design**
- **Construction begins summer 2012**
- **Next Meetings**
 - **Late April - Review design alternatives for individual streets**
 - **Additional meetings, as needed**